

1 BILL NO. S-81-11-14

2 SPECIAL ORDINANCE NO. S-249-81

3 AN ORDINANCE approving Change Order
4 Nos. 1 and 2 for 310-80, Phase II,
5 St. Joe Interceptor Interconnect
6 in connection with the Board of Public Works

7 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY
8 OF FORT WAYNE, INDIANA:

9 SECTION 1: That Change Order No. 1 for 310-80,
10 Phase II, St. Joe Interceptor Interconnect to Busch, Inc. in
11 connection with the Board of Public Works, for:

12 use of precast manhole structure in lieu of poured
13 in place structures as bid originally, along
14 with additional water line relocation and replacement
15 which was bid under 6" water main and in the field
16 was found to be 12" water main,

17 SECTION 2: That Change Order No. 2, for 310-80,
18 Phase II, St. Joe Interceptor Interconnect to Busch, Inc. in
19 connection with the Board of Public Works, for:

20 due to a grade conflict with our sewer, it became
21 necessary to relay the 18" sewer to eliminate the
22 conflict; also, once the 2-42" raw water lines were
23 uncovered a field decision was made to encase them
24 in concrete to assure their integrity; additional
25 quantities of backfill were required; and to
26 properly restore the street surface, it became
27 necessary to construct a transition on Parnell Avenue,

28 in the amount of \$16,158.55, as set out in the specifications,
29 which are on file in the Office of the Board of Public Works and
30 are by reference incorporated herein and made a part hereof,
31 be and the same is in all things ratified, confirmed, and approved.

32 SECTION 3: That this Ordinance shall be in full
force and effect from and after its passage, approval by the
Mayor.

COUNCILMAN

APPROVED AS TO FORM AND
LEGALITY THIS 4th DAY
OF February 1981.

BRUCE O. BOXBERGER, CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by _____, and duly adopted, read the second time by title and referred to the Committee City of Fort Wayne (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, 19____, the _____ day of _____, at _____ o'clock _____ M., E.S.T.

DATE: 11-10-81

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Talarico, and duly adopted, placed on its passage. PASSED (yea) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>2</u>	<u>1</u>	_____	<u>2</u>	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	_____	_____	_____	<u>✓</u>	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>NUCKOLS</u>	<u>✓</u>	<u>✓</u>	_____	_____	_____
<u>SCHMIDT, D.</u>	_____	_____	_____	<u>✓</u>	_____
<u>SCHMIDT, V.</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 11-24-81

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. S-249-81 on the 24th day of November, 1981.

ATTEST:

(SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 25th day of November, 1981, at the hour of 11:30 o'clock P. M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 30th day of Nov. 1981, at the hour of 11 o'clock A M., E.S.T.

Winfield C. Moses, Jr.
WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-81-11-14

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order Nos. 1 and 2 for 310-80, Phase
II, St. Joe Interceptor Interconnect in connection with the Board of
Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS, CHAIRMAN

VIVIAN G. SCHMIDT, VICE CHAIRMAN

BEN A. EISBART

SAMUEL J. TALARICO

ROY J. SCHOMBURG

11-24-81
CONCURRED IN

DATE 11-24-81 CHARLES W. WESTERMAN, CITY CLERK

71-104-14²-1
 10/28/81
 Raw

CHANGE ORDER

Change Order No. -1
 Project No. C-180599-06
 Name of Project: St. Joe Interceptor Interconnect

Resolution No. 310-80 - Ph. II
 Board Order No. 15-80
 Date: _____

To: BUSCH, INC.
 (Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price	
				Decrease	Increase
2	2± EA	Special Str. SJ-12 and 13	11,837.00	23,674.00	
24	2± EA	Special Precast St. SJ-12 and 13	10,105.00		20,210.00
20	1,005± LF	Water Main Replace. & Relocation	13.75	13,818.75	
25	1,527± LF	12" Water Main Replace. & Relocation	21.90		33,441.30
Total Decrease				37,492.75	
Total Increase					53,651.30
Net (Decrease) (Increase)					16,158.55

The sum of \$ 16,158.55 is hereby (added to) (~~deducted from~~) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price	\$ <u>1,256,596.25</u>
Current Contract Price Adjusted by Previous Change Order	\$ <u>1,256,596.25</u>
New Contract Price including this Change Order	\$ <u>1,272,754.80</u>

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: Carlene Embury Chief Engineer Date 10/19/81
 Accepted by: Robert D. Bodine V.P. Contractor Date 10/13/81
 Approved by: Philip A. Bolin City Engineer Date 10/23/81
 Approved by: Robert Anderson Owner Date 10-28-81
Brian P. Collins
 Attested by: Andrew Kennedy Clerk Date 10-28-81

Change Order No. 1

Resolution No. 310-80 Ph. II

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

"SEE ATTACHED SHEET"

2. Will proposed change alter size of the project? Yes _____ No X
If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Gregory J. Merrill
Project Engineer

JUSTIFICATION FOR CHANGE ORDER NO. 1
Resolution 310-80 - Phase II
St. Joe Study Area - EPA C-180599-06
B.O. 15-80

BUSCH, INC., Contractor

Items 2 and 24

To save time and money in constructing monolithic structures, the contractor requested the use of precast bend pipes and 'T' manholes. After reviewing the structural details of these, the Engineering Department approved the request with the condition that there will be some savings offered to the City. Attached is a breakdown of those deducts submitted by the contractor on the pre-cast structures. After reviewing these deducts, the Engineering Department felt that they are not out of line and completely justified.

Items 20 and 25

The plans showed an existing 6" water main which was proposed to be relocated under the unit bid item. Unfortunately, the size of the water main was incorrectly stated when actually, there was an existing 12" water main. The new unit price submitted by the contractor in our opinion, is fully justified since it is quite comparable to unit prices of \$35.00 for 12" water main that the successfully contractor bid on the same relocation under Phase IV.

Item #20 has not been deducted completely since there was approximately 145 LF of 6" water main relocation also done.

71-104-14-2
10/28/81

CHANGE ORDER

Change Order No. 2
Project No. C-180599-06
Name of Project: St. Joe Interconnect

Resolution No. 310-80 Ph. II
Board Order No. 15-80
Date: _____

To: BUSCH, INC.
(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Description of Change		Unit Price	Change in Contract Price	
	Quantity	Description		Decrease	Increase
6	220± LF	18" Sewer Replacement	32.05		7,051.00
26	2± EA	Concrete Encasement	1,336.00		2,672.00
3	1500± CY	#53 or #73 Special Backfill	8.50		12,750.00
27	200± SY	Concrete Pavement Removal	7.20		1,440.00
			Total Decrease		
			Total Increase		23,913.00
Net (Decrease) (Increase)			Contract Price		23,913.00

The sum of \$ 23,913.00 is hereby (added to) (~~deducted from~~) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price
Current Contract Price Adjusted by Previous Change Order #1 \$ 1,256,596.25
New Contract Price including this Change Order \$ 1,272,754.80
\$ 1,296,667.80

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: Charles Embury Chief Engineer Date Oct 17, 1981
Accepted by: Robert O. Bodine V.P. Contractor Date 10/13/81
Approved by: Philip A. Bolles City Engineer Date 10/23/81
Approved by: Th. W. St. Owner Date 10-28-81
Robert Anderson
Betty R. Collins
Attested by: Sandra Kennedy Clerk Date 10-28-81

Change Order No. 2
Resolution No. 310-80 Ph. II
Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

SEE ATTACHED JUSTIFICATION

2. Will proposed change alter size of the project? Yes _____ No X
If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Gregory J. Merrill
Project Engineer

JUSTIFICATION FOR CHANGE ORDER NO. 2
Resolution 310-80 - Phase II
St. Joe Study Area - EPA C-180599-06
B.O. #15-80

BUSCH, INC., Contractor

Item #6

The location of this 18" sewer is in the vicinity of Parnell and Northside. However, the actual depth was unknown and when the trench was excavated, it turned out that there was a grade conflict with the proposed 84" sewer. Therefore, to replace that portion of the 18" sewer back was not possible. Hence, the Engineering Department authorized the contractor to relay the 18" sewer at a minimum grade all the way up to the closest inlet where the 18" was tied into. This helped eliminate the grade conflict, and the 18" sewer just skimmed over the 84" sewer. A new precast manhole was then set for the drop connection to the old 18" sewer. This Change Order reflects the additional quantity needed to reimburse the contractor.

Item #26

When the trench was excavated to install the proposed 84" sewer, the existing two (2) 42" raw water mains were exposed. In order to protect their integrity from any future settlement, the Engineering Department authorized the contractor to pour concrete encasements.

The cost submitted by the contractor for the concrete protection in our opinion is not out of line and therefore justified.

Item #3

It has become apparent that this item has overrun the original bid estimate and therefore, this Change Order includes the overrun of 1500± CY which has also been estimated.

Item #26

In order to build the new street and curbing, per specifications, and in confines with the existing grade on side streets, it was necessary to go back several feet on Parnell Avenue and remove the existing pavement, so it can be reshaped to meet the final grade on the new street. The unit costs submitted by the contractor were compared to recent bid prices on Street Restoration projects from the Street Engineering Department. These prices ranged from \$5.25/SY to \$7.75/SY for concrete pavement removal. Therefore, the Engineering Department feels that the unit price submitted by the contractor is comparable and hence, justified.

5488

TITLE OF ORDINANCE Change Order 1 & 2 for 310-80, Phase II, St. Joe Interceptor Interconnect.

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE CHANGE ORDERS 1 & 2 FOR 310-80, PHASE II, ST. JOE INTERCEPTOR INTERCONNECT.

FEDERAL GRANT #C-180599-06, BUSCH, INC. - CONTRACTORS. CHANGE ORDER #1 - USE OF PRECAST

MANHOLE STRUCTURE IN LIEU OF POURED IN PLACE STRUCTURES AS BID ORGINALLY. (SAVINGS \$3,000+),

ALONG WITH ADDITIONAL WATER LINE RELOCATION AND REPLACEMENT WHICH WAS BID UNDER 6" WATER

MAIN AND IN THE FIELD WAS FOUND TO BE 12" WATER MAIN. (EXPENSE \$20,000+) Change Order #2 -

DUE TO A GRADE CONFLICT WITH OUR SEWER IT BECAME NECESSARY TO RELAY THE 18" SEWER TO ELIMINATE

THE CONFLICT - ALSO ONCE THE 2-42" RAW WATER LINES WERE UNCOVERED A FIELD DECISION WAS MADE

TO ENCASE THEM IN CONCRETE TO ASSURE THEIR INTEGRITY - ADDITIONAL QUANTITIES OF BACKFILL WERE

REQUIRED - TO PROPERLY RESTORES THE STREET SURFACE IT BECAME NECESSARY TO CONSTRUCT A TRAN-

SITION ON PARNELL AVE.

EFFECT OF PASSAGE CONTINUATION OF THE 310-80, PHASE II, ST. JOE INTERCEPTOR INTERCONNECT

EFFECT OF NON-PASSAGE THE ABOVE DESCRIBED PROJECT CANNOT BE COMPLETED.

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) \$16,158.55 TO BE PAID FOR AS FOLLOWS:

75% EPA, 10% State, 15% City Utilities.

ASSIGNED TO COMMITTEE _____